HSMS
Hazardous Substance Management System

HSMS Program Manager
703-602-5507

ENVIRONMENTAL INFORMATION TECHNOLOGY MANAGEMENT

EITM Program Management
Office: (703) 602-5524

▪▪▪ What Is HSMS? ▪▪▪

The Hazardous Substance Management System (HSMS) is a Windows-compliant, menu-driven, Relational Data Base Management System (RDBMS) application. It is designed to provide an accurate means of authorizing, ordering, receiving, distributing, and accouting for hazardous materials and their component chemicals, as well as the accumulation and disposition of hazardous wastes at one or more installations or bases.

HSMS maintains an inventory of all hazardous products, materials, and chemicals on one or more installations or bases. It also produces data and reports that can assist installation commanders and managers in reducing or even preventing pollution. HSMS produces federal environmental reports, and, when supplemented by commercially available report-generator software, can produce environmental reports required by state and local government authorities.

▪▪▪ What Can HSMS Track? ▪▪▪

Hazardous products (materials) ordered by weight and quantity shipped, received, stored, issued, used, returned disposed and recycled.

Chemicals (by weight) received, on hand, issued, shipped, in use, used, and emitted to the environment and various waste streams.

Hazardous waste containers and container contents, from waste generation point/process through accumulation, storage, shipment, transfer, recycling, treatment, and disposition.

▪▪▪ Why? ▪▪▪

The 1990 Defense Authorization Act required the Secretary of Defense to develop and maintain a comprehensive database of environmental activities performed by the Department of Defense (DoD). HSMS meets the functional requirements established by a DoD Joint Functional Work Group that was set up to implement certain provisions of the Defense Authorization Act.

HSMS further aids in satisfying state and federal environmental organization reporting requirements mandated by the Pollution Prevention Act, the Emergency Planning and Community Right to Know Act (EPCRA) and Executive Order 13148, dated 21 April 2000.

▪▪▪ Contact Information: ▪▪▪

EITM Program Management Office
HSMS
Phone: 703-602-5507
Fax: 703-602-5554

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▩▩ Training: ▩▩▩

Training support is available through each component service.

▩▩ Features: ▩▩▩

Interface to the Hazardous Material Information Resource System (HMIRS) (Available in versions beginning with 2.4.1)
Bar code labels and shipping labels produced, are site configurable
EPA required Tier I, Tier II, and Form R reports produced
Chemical emissions (by weight), both ì fugitiveî and ì non-fugititveî are tracked to processes
Automatic collection and tabulation of chemical weight totals, for EPA reports
Interface to the Defense Reutilization Marketing Service DRMS Automated Information System (DAISY) provided as a separate utility

▩▩ Minimum System Recommended Requirements: ▩▩▩

Server		**Workstation**	
Processor	600MHz Pentium CPU	Processor	600 MHz Pentium CPU
RAM	1GB	RAM	512 MB
Hard Drive	18 GB (2x9 GB)	Hard Drive	1.2 GB (free space)
Monitor	SVGA	Monitor	SVGA (1MB SGRAM video card)
Communications	10/100 Network Card		
Tape Back-up	DAT Back-up Unit	Communications	10/100 Network Card
CD-ROM	12x		28.8 KBPS Modem
		CD-ROM	12x

Bar Code Equipment		**Software**	
Scanner	Intermec Scanner, Handheld	DB Server OS	WinNT 4.0
Interface Kit	Intermec FBCR Keyboard	Workstation OS	WinNT4.0
	Computer Wedge Reader		Windows 2000, 98
		DB Management	Oracle DB Management System (server)Versions- 8i
Printer	Intermec Model 3400, Zebra Model Z4000		Oracle SQL *Net (Workstation)
Scanner, Remote	Symbol PDT 7240	Utilities	Crystal Reports, Version 7